

# **USER MANUAL**

**Project Title:** 'Sudoku Quest'

**Rules of the game:** You will be provided with a 9x9 grid containing some of the cells filled. A game is complete when every column, every row and every 3x3 box contains digit 1-9, with no column, no row and no 3x3 box contain same digit twice.

## **User Interface:**

1. **Sudoku Solver**: Here an unsolved Sudoku can be solved. Fill the givens in an unsolved Sudoku puzzle in the respective field of the 9x9 grid window and press "Solve the Sudoku" button to solve the puzzle.  
The solved puzzle will be displayed on the 9x9 grid.
2. **Sudoku Game**: Here player will be able to play a Sudoku puzzle.  
Depending on the difficulty level (Easy, Mature and Expert) selected by the player Sudoku puzzle is presented in a 9x9 grid with certain cell filled with numbers.
  - i) File: New-> New puzzle is presented with desired difficulty.  
Exit-> Exit from the program.
  - ii) Help: Check -> Checks the Sudoku filled till that point.  
Hint -> Fills the next unfilled cell with a correct number.  
About -> Rules of the game.
3. **Developers**: Displays the names of developers.